

## REMARKS

The present amendment amends the claims.

Claims 1 – 74 have been cancelled and new claims 75 – 155 have been added.

New claim 75 is supported similarly to original claim 1 and further by Figs. 1A – 1D and 6, and by the following places in the specification: the last paragraph on page 7; the first paragraph on page 8; from the first paragraph on page 22 through first full paragraph on page 24; and from the paragraph bridging pages 26 and 27 through the first full paragraph on page 28.

Claim 76 is supported similarly to original claim 2 and further by the paragraph bridging pages 26 and 27.

Claims 77 and 78 correspond to original claims 3 and 4, respectively.

Claim 79 corresponds to original claim 5 rewritten to eliminate multiply dependent claims.

Claim 80 corresponds to original claim 6.

Claim 81 corresponds to original claim 7 rewritten to eliminate multiply dependent claims.

Claims 82 – 95 correspond to original claims 8 – 21, respectively.

Claims 96 – 101 correspond to original claims 22 – 27 rewritten to eliminate multiply dependent claims.

Claim 102 corresponds to original claim 28.

Claim 103 is supported similarly to original claim 29.

Claim 104 corresponds to original claim 30.

Claims 105 and 106 are supported similarly to original claims 31 and 34, respectively.

Claims 107 and 108 correspond to original claims 35 and 36, respectively.

Claims 109 and 110 correspond to original claim 37 and have different claim dependency.

Claim 111 corresponds to original claim 38 rewritten to eliminate multiply dependent claims.

Claim 112 corresponds to original claim 39.

Claim 113 corresponds to original claim 40 rewritten to eliminate multiply dependent claims.

Claims 114 and 115 correspond to original claims 41 and 42, respectively.

Claim 116 is supported similarly to original claim 43.

Claim 117 corresponds to original claim 44.

Claim 118 corresponds to original claim 45 rewritten to eliminate multiply dependent claims.

Claims 119 and 120 correspond to original claims 46 and 47, respectively.

Claims 121 and 122 correspond to original claims 48 and 49 rewritten to eliminate multiply dependent claims.

Claims 123 – 125 correspond to original claims 50 – 52, respectively.

Claim 126 corresponds to original claim 53 rewritten to eliminate multiply dependent claims.

Claim 127 is supported similarly to original claim 54.

Claims 128 – 131 correspond to original claims 55 – 58, respectively.

Claim 132 corresponds to original claim 59 rewritten to eliminate multiply dependent claims.

Claim 133 corresponds to original claim 60.

Claim 134 corresponds to original claim 61 rewritten to eliminate multiply dependent claims.

Claim 135 corresponds to original claim 62.

Claim 136 is supported similarly to original claim 63.

Claim 137 corresponds to original claim 64.

Claim 138 is supported similarly to original claims 1, 32, and 33.

Claim 139 is supported similarly to original claim 65 and further by Fig. 6 and by the specification from the fourth paragraph on page 43 through the first full paragraph on page 44.

Claim 140 is supported, inter alia, by the sixth paragraph on page 43 of the specification.

Claim 141 is supported, inter alia, by Fig. 6 and by the specification from the paragraph bridging pages 43 and 44 through the first full paragraph on page 44.

Claims 142 – 144 correspond to original claims 66 – 68, respectively.

Claims 145 and 146 correspond to original claims 69 and 70 rewritten to eliminate multiply dependent claims.

Claim 147 corresponds to original claim 71.

Claim 148 is supported similarly to claim 75.

Claim 149 is supported similarly to claim 138.

Claim 150 is apparatus claim corresponding to claim 139 and supported similarly to claim 139.

Claim 151 corresponds to original claim 74.

Claims 152 – 155 are apparatus claims written in a means-plus-function form. Claims 152 – 155 correspond to claims 148 – 151, respectively, and are supported similarly to claims 148 – 151, respectively.

Favorable consideration and allowance of the present application are hereby respectfully requested.

Respectfully submitted,



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